

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	51631/C543
Application Number	10/535,317
Filing Date	February 3, 2006
Applicant(s)	Donghua Xu et al.
Group Art Unit	1742
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
/MLS/		2,106,145	04/18/1938	Floraday
		2,124,538	07/26/1938	Boyer
		3,322,546	05/30/1967	Tanzman et al.
		3,539,192	11/10/1970	Prasse
		3,776,297	12/04/1973	Williford et al.
		3,948,613	04/06/1976	Weill
		3,970,445	07/20/1976	Gale et al.
		3,986,867	10/19/1976	Masumoto et al.
		3,986,892	10/19/1976	Eve et al.
		4,024,902	05/24/1977	Baum
		4,067,732	01/10/1978	Ray
		4,124,472	11/07/1978	Riegert
		4,125,737	11/14/1978	Andersson
		4,163,071	07/31/1979	Weatherly et al.
		4,260,416	04/07/1981	Kavesh et al.
		4,268,567	05/19/1981	Narashihan
		4,330,027	05/18/1982	Narasimhan
		4,374,900	02/22/1983	Hara et al.
		4,381,943	05/03/1983	Dickson et al.
		4,396,820	08/02/1983	Puschner
		4,409,296	10/11/1983	Ward
		4,482,612	11/13/1984	Kuroki et al.
		4,487,630	12/11/1984	Crook et al.
		4,488,882	12/18/1984	Dausinger et al.

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/MLS/		4,499,158	02/12/1985	Onuma et al.
		4,515,870	05/07/1985	Bose et al.
		4,523,625	06/18/1985	Ast
		4,526,618	07/02/1985	Keshavan et al.
		4,557,981	12/10/1985	Bergmann
		4,564,396	01/14/1986	Johnson et al.
		4,585,617	04/29/1986	Tenhover et al.
		4,612,059	09/16/1986	Mori et al.
		4,656,099	04/07/1987	Sievers
		4,668,310	05/26/1987	Kudo et al.
		4,725,512	02/16/1988	Scruggs
		4,731,253	03/15/1988	DuBois
		4,741,974	05/03/1988	Longo et al.
		4,770,701	09/13/1988	Henderson et al.
		4,810,850	03/07/1989	Tenkula et al.
		4,960,643	10/02/1990	Lemelson
		5,127,969	07/07/1992	Sekhar
		5,189,252	02/23/1993	Huffman et al.
		5,288,344	02/22/1994	Peker et al.
		5,294,462	03/15/1994	Kaiser et al.
		5,368,659	11/29/1994	Peker et al.
		5,380,349	01/10/1995	Taniguchi et al.
		5,440,995	08/15/1995	Levitt
		5,567,251	10/22/1996	Peker et al.

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/MLS/		5,482,577	01/09/1996	Hashimoto et al.
		5,567,251	10/22/1996	Peker et al.
		5,567,532	10/22/1996	Peter et al.
		5,735,975	04/07/1998	Lin et al.
		6,010,580	01/04/2000	Dandliker et al.
		US 6,183,889 B1	02/06/2001	Koshiba et al.
		US 6,218,029 B1	04/17/2001	Rickerby
		US 6,325,868 B1	12/04/2001	Kim et al.
		US 6,326,295 B1	12/04/2001	Figura
		US 2002/0036034 A1	03/28/2002	Xing et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ - Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁴ (✓)
/MLS/		JP 56-112449	09/04/1981	TDK Corporation	
		GB2005302	04/19/1979	Rolls Royce	
		WO00/68469 A2	11/16/2000	California Institute of Technology	
		WO03/040422 A1	05/15/2003	Johns Hopkins University	
		DE 010237992 A1	03/27/2003	Leibniz Instr. Fuer Festkoerper	

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Author unknown, "Standard Practice for Conducting Dry Sand/Rubber Wheel Abrasion Tests", Designation G 65 - 81, source unknown, pp. 351-368

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EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Koch et al., "Preparation of "Amorphous" Ni ₆₀ Nb ₄₀ By Mechanical Alloying", Appl. Phys. Lett., December 1983, Vol. 43, No. 11, pp. 1017-1019
		Author unknown, "A World of Superabrasives Experience At Your Service", source unknown, 4 pgs.
		Author unknown, "GE Superabrasives - The Metal Bond System", source unknown, 1 pg.
		Author unknown, "GE Superabrasives - The Resin Bond System", source unknown, 1 pg.
		Author unknown, "GE Superabrasives - Micron Powders", source unknown, 1 pg.
		Author unknown, "GE Superabrasives - The MBS 700 Series Product Line", source unknown, 2 pgs.
		Author unknown, "GE Superabrasives - The MBS-900 Series Product Line", source unknown, 2 pgs.
		Masumoto, "Recent Progress in Amorphous Metallic Materials in Japan", Materials Science and Engineering, 1994, Vol. A179/A180, pp. 8-16
		ASM Committee on Tooling Materials, "Superhard Tool Materials", Metals Handbook, Ninth Edition, Vol. 3: Properties and Selection: Stainless Steels, Tool Materials and Special Purpose Metals, American Society for Metals, 1980, pp. 448-465, title page and copyright page

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